

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
24 June 2004 (24.06.2004)

PCT

(10) International Publication Number
WO 2004/053626 A2

- (51) International Patent Classification⁷: **G06F**
- (21) International Application Number:
PCT/IL2003/001051
- (22) International Filing Date:
10 December 2003 (10.12.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
10/316,978 11 December 2002 (11.12.2002) US
- (71) Applicant (for all designated States except US):
HI-G-TEK LTD. [IL/IL]; 16 Hacharoshet Street, 60375
Or-Yehuda (IL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **AUERBACH,**
Micha [IL/IL]; 52 Saifan Street, 71908 Maccabim (IL).
COHEN, Rony [IL/IL]; 7 Hadolev Street, 42823 Zoran
(IL). **GENIN, Arcadi** [IL/IL]; 12 Hachalmit Street, 67420
Bat Yam (IL). **SENDER, Ran** [IL/IL]; 23 Dobnov Street,
64369 Tel Aviv (IL).

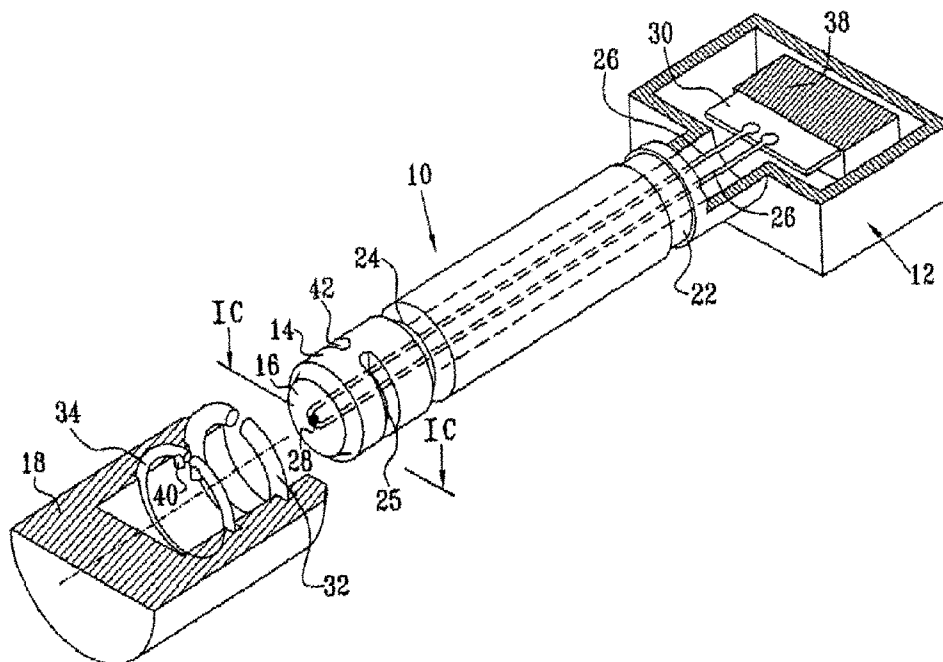
- (74) Agents: **SANFORD T. COLB & CO.** et al.; P.O. Box
2273, 76122 Rehovot (IL).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR,
CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN,
MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU,
SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,
SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished
upon receipt of that report

[Continued on next page]

(54) Title: TAMPER-RESISTANT ELECTRONIC SEAL



(57) Abstract: A tamper-resistant remotely monitorable electronic seal including a shaft portion, a sensor, a socket arranged to engage the shaft portion and the sensor in a monitorable manner and a wireless communicator associated with at least one of the shaft portion, the sensor and the socket and being operative to provide a remotely monitorable indication of at least one monitorable event, the sensor being operative to sense application of force to the electronic seal in an attempt to separate the shaft portion from the socket and to indicate the application of force as one of the at least one monitorable event.

WO 2004/053626 A2



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.